

DETAILED ACTION

Response to Amendment

1. Applicant's amendment, filed December 11, 2008, has been entered and carefully considered. Claims 1, 2, 4, 6, 7, 9-12, 16, 17, and 22-25 are amended, Claims 3, 5, 13-15, and 27 are cancelled, Claims 1, 4, 6-8, 10 and 16-26 are currently pending.
2. Objection to the specification is withdrawn in light of Applicant's amendment.
3. In light of Applicant's amendment to Claims 10 and 22, rejection of said Claims 10-12 and 16-21 under 35 U.S.C. 112, first paragraph are withdrawn.
4. In light of Applicant's amendment to Claims 1, 6, 7, 10, 16, 17, 22, and 24, rejection of Claims 1, 2, 4, 6-12, and 16-26 under 35 U.S.C. 112, second paragraph, is withdrawn.

EXAMINER'S AMENDMENT

5. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Caleb Pollack (Reg. No. 37,912) on March 11, 2009.

The application has been amended as follows:

In the specification:

Paragraph 0042, lines 13 and 15: --digital or analog media-- and --magnetic media-- respectively has been deleted.

In the claims:

Claims 2, 9, 11, 12, and 23 have been canceled.

Claim 1, line 5: --wherein determining a size of a data item, determining a data transfer window size, and dynamically modifying a payload header suppression rule are performed by a processor.-- has been added to the end of the claim.

Claim 4, line 2: --wherein the comparison is performed by the processor.-- has been added to the end of the claim.

Claim 8, line 2: --wherein dynamically modifying a characteristic of the data item is performed by the processor.-- has been added to the end of the claim.

Claim 10, line 4: --change-- has been amended to "modify"

Claim 22, line 6: --change-- has been amended to "modify"

Claim 25, line 5: --selectively suppressing-- has been amended to --modifying a payload header suppression rule to selectively suppress--

Claim 25, line 7: --; and repeating the determining and the selectively suppressing-- has been deleted.

Allowable Subject Matter

6. **Claims 1, 4, 6-8, 10, 16-22 and 24-26** are allowed. The following is an examiner's statement of reasons for allowance: Kye (United States Patent Application Publication US 2002/0067721 A1) discloses a cable modem and cable modem terminal system capable of modifying payload header suppression rules using dynamic service change messages. Le et al (United States Patent 6,882,637) discloses adjusting a header compression scheme to save

bandwidth. Bunn et al (United States Patent Application Publication US 2002/0073227 A1) discloses cable modem header suppression. Horton, Jr. et al (United States Patent Application Publication US 2004/0264468 A1) discloses performing payload header suppression based on a packet QoS. However, the prior art does not disclose modifying a payload header suppression rule if the size of a data item is bigger than a data transfer window size.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Andrew Chriss whose telephone number is (571)272-1774. The examiner can normally be reached on Monday - Friday, 7:30 AM - 5:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hassan Kizou can be reached on 571-272-3088. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Andrew Chriss

Examiner

Art Unit 2419

3/11/2009

/A. C./

Examiner, Art Unit 2419

/Hassan Kizou/

Supervisory Patent Examiner, Art Unit 2419